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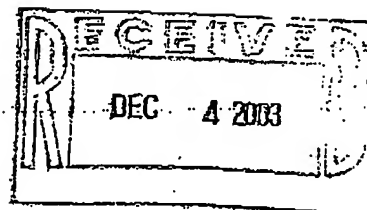
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UNITED STATES DEPARTMENT OF COMMERCE
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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|-------------------------------|------------------|
| 10/001,293 | 10/24/2001 | Gary E. LeGrow | 2001US406 | 2502 |
| 23255 | 7590 | 12/03/2003 | EXAMINER KUMAR, SHAILENDRA | |
| CLARIANT CORPORATION INTELLECTUAL PROPERTY DEPARTMENT 4000 MONROE ROAD CHARLOTTE, NC 28205 | | | ART UNIT 1621 | PAPER NUMBER |

DATE MAILED: 12/03/2003

3mo. 3-3-04

Please find below and/or attached an Office communication concerning this application or proceeding.



PTO-90C (Rev. 10/03)

| | | | |
|------------------------------|-------------------|---------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 10/001,293 | LEGROW ET AL. | |
| | Examiner | Art Unit | |
| | SHAIENDRA - KUMAR | 1621 | |

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address -

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on 15 September 2003.

2a) ☐ This action is FINAL.

2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) 1-12 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) 1-12 is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some * c) ☐ None of:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

a) ☐ The translation of the foreign language provisional application has been received.

14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

| | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: |

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DETAILED ACTION

This office action is in response to applicants' communication filed in paper # 8, on 9/15/03.

Applicants' election of species without traverse was noted.

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 1/29/02, 4/7/03 and 5/30/03 were in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 112

2. Claim 12 provides for the use of organommodified silicones, but, since the claim does not set forth any steps involved in the method/process, it is unclear what method/process applicant is intending to encompass. A claim is indefinite where it merely recites a use without any active, positive steps delimiting how this use is actually practiced.

Claim 12 is rejected under 35 U.S.C. 101 because the claimed recitation of a use, without setting forth any steps involved in the process, results in an improper definition of a process, i.e., results in a claim which is not a proper process claim under 35 U.S.C. 101. See for example *Ex parte Dunki*, 153 USPQ 678 (Bd.App. 1967) and *Clinical Products, Ltd. v. Brenner*, 255 F. Supp. 131, 149 USPQ 475 (D.D.C. 1966).

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

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A person shall be entitled to a patent unless —

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-11 are rejected under 35 U.S.C. 102(b) as being anticipated by LeGrow et al(US 6,258,365), or Bara(US 6,184,277) or EP 0 862 913.

Instant claims are directed to a mixture of one silicone oil, one organic oil and one organomodified silicone chosen from the formula (1), (2), or (3):

LeGrow et al, example 2, example 6, example 7, teach mixture of one silicon oil, an organic oil and organomodified silicon, same as claimed herein. Also note various formula in column 3, lines 25-50. Or, Bara is teaching mixture of composition, same as those claimed herein, see claims 1, 3, 4 and 7, column 3, lines 55 to line 22 in column 4, and column 1, lines 42-58. Or EP'913, claim 1, page 2, lines 25-54, , page 3, lines 3-5, anticipates instant composition in terms of mixture of three components:

No claim is allowed.

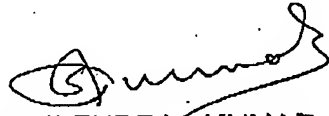
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to SHAILENDRA - KUMAR whose telephone number is 703-308-4519. The examiner can normally be reached on Mon-Thur 8:00-5:30; Alt Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Johann Richter can be reached on 703-308-4532. The fax phone number for the organization where this application or proceeding is assigned is 703-308-4556.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1235.



SHAIENDRA - KUMAR
Primary Examiner
Art Unit 1621

S.Kumar
11/28/03

| | | |
|--|-------------------------------|-------------------------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b)) | ATTY. DOCKET NO. 2001US406 | SERIAL NO. 10/001293 |
| | APPLICANT: LeGrow et al. | |
| | FILING DATE: 10/24/01 | GROUP: 1621 |

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MAY 30 2003
PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

| Examiner Initial. | | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|-------------------|----|---------------|------------|------------------------|-------|----------|----------------------------|
| SK | AA | 5,413,781 | 5/9/95 | Giwa-Agbomaiere et al. | 424 | 78.03 | |
| | AB | 5,885,559 | 3/23/99 | Lee et al. | 424 | 65 | |
| | AC | 5,942,216 | 8/24/99 | Herb et al. | 424 | 70.28 | |
| | AD | 6,177,091 | 1/23/01 | Bara et al. | 424 | 401 | |
| | AE | 6,235,292 | 5/22/01 | Bara et al. | 424 | 401 | |

FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION

| | | DOCUMENT NUMBER | PUB. DATE | COUNTRY | | TRANSLATION |
|----|----|-----------------|-----------|---------|--|--------------|
| SC | BA | WO 97/16161 | 5/9/97 | WIPO | | English |
| | BB | EP 756864 | 2/5/97 | Europe | | See CA below |
| | BC | EP 850643 | 7/1/98 | Europe | | See AE above |
| | BD | EP 850644 | 7/1/98 | Europe | | See AD above |
| | BE | WO 00/15180 | 3/23/00 | WIPO | | English |
| | BF | WO 01/12152 | 2/22/01 | WIPO | | English |
| | BG | EP 1216683 | 6/26/02 | Europe | | See CB below |
| | BH | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication**)

| | | |
|---|----------|---|
| SC | CA | English abstract for EP 756864 2/5/97 |
| SK | CB | English abstract for EP 1216683 6/26/02 |
| EXAMINER | S. Kumar | DATE CONSIDERED 11/27/03 |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |

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|--|-------------------------------|--------------------------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b)) | ATTY. DOCKET NO. 2001US406 | SERIAL NO. 10/001,293 |
| APPLICANT: Gary E. LEGROW, et al. | | |
| FILING DATE: 10/24/01 | | GROUP: 1621 |

U.S. PATENT DOCUMENTS

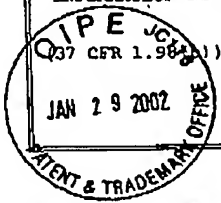
| Examiner Initial | | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|---|----|-----------------|------------|-----------------|-------|----------|----------------------------|
| SL | AA | 5,225,188 | 7/6/93 | Abrutyn, et al. | 424 | 66 | |
| | AB | 5,968,490 | 10/19/99 | Sun, et al. | 424 | 65 | |
| | AC | 5,972,318 | 10/26/99 | Bara | 424 | 64 | |
| | AD | 6,184,277 | 2/6/01 | Bara | 524 | 268 | |
| | AE | 6,258,365 | 7/10/01 | LeGrow, et al. | 424 | 400 | |
| | AF | 2001/0018068 | 8/30/01 | Lorenzi, et al. | 424 | 443 | |
| FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION | | | | | | | |
| | | DOCUMENT NUMBER | PUB. DATE | COUNTRY | | | TRANSLATION |
| SL | BA | WO 96/40044 | 12/19/96 | WIPO | | | English |
| | BB | EP 0 862 913 | 9/9/98 | Europe | | | See CA Below |
| | BC | WO 99/09947 | 3/4/99 | WIPO | | | English |

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|---|----|---|
| SL | CA | English abstract for EP 0862913, 9/9/1998 |
| | CB | |
| | CC | |
| | CD | |
| | CE | |
| EXAMINER | | DATE CONSIDERED |
| S. Kumar | | 11/27/03 |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT | ATTY. DOCKET NO. 2001US406 | SERIAL NO. 10/001,293 |
| APPLICANT: Gary E. LEGROW, et al. | | |
| FILING DATE: 10/24/01 GROUP: 1621 | | |



U.S. PATENT DOCUMENTS

| Examiner Initial | | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|----|---------------|------------|----------------|-------|----------|----------------------------|
| SL | AA | 5,679,822 | 10/21/97 | LeGrow, et al. | | | |
| SL | AB | 5,923,231 | 7/13/99 | Ohkubo, et al. | | | |
| | AC | | | | | | |

| FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION | | | | | | | TRANSLATION |
|---|----|-----------------|-----------|---------|--|--|-------------|
| | | DOCUMENT NUMBER | PUB. DATE | COUNTRY | | | |
| SL | BA | 1 069 150 | 1/17/01 | Europe | | | English |
| | BB | | | | | | |
| | BC | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication**)

| | | |
|---|--------------|--|
| SL | CA | Front page of JP Patent No. 3-264510, 11/25/91 |
| | CB | English abstract of JP Patent No. 3-264510, 11/25/91 |
| | CC | U.S. Application No. 10/002,709, filed 10/24/01 |
| | CD | U.S. Application No. 10/002,710, filed 10/24/01 |
| | CE | U.S. Application No. 10/002,057, filed 10/24/01 |
| EXAMINER | S. L. Lerner | DATE CONSIDERED 1/12/03 |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |